

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: LGI Homes - NC, LLC PROPERTY LOCATION: 681 Avery Pond Dr. (Chalybeate Rd. SR 1.
 SUBDIVISION Avery Pond Phase IIID LOT # 111

NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance: _____

Type of Structure: 39x48 sfd, 3 beds 2 baths

Proposed Wastewater System Type: 25% Reduction Sys.

Projected Daily Flow: 360 GPD


Number of bedrooms: 3 Number of Occupants: 6 max

Basement Yes No

Pump Required: Yes No May be required based on final location and elevations of facilities

Type of Water Supply: Community Public Well Distance from well NA feet Permit valid for: Five years
 No expiration

Permit conditions: _____

Authorized State Agent:  Date: 07/08/2020 SEE ATTACHED SITE SKETCH

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

Construction Authorization (Required for Building Permit)

The construction and installation requirements of Rules 1950, 1952, 1954, 1955, 1956, 1957, 1958, and 1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: LGI Homes - NC, LLC PROPERTY LOCATION: 681 Avery Pond Dr. (Chalybeate Rd. SF
 SUBDIVISION Avery Pond Phase IIID LOT # 111

Facility Type: 39x48 sfd, 3 beds 2 baths New Expansion Repair

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable 25% Reduction System (Repair)

Installation Requirements/Conditions Septic Tank Size <u>1000</u> gallons Pump Tank Size <u>1000</u> gallons	Number of trenches <u>3</u> Exact length of each trench <u>75</u> feet Trenches shall be installed on contour at a Maximum Trench Depth of: <u>18-24</u> inches (Trench bottoms shall be level to +/- 1/4" in all directions)	Trench Spacing: <u>9</u> Feet on Center Soil Cover: <u>6-12</u> inches (Maximum soil cover shall not exceed 36" above the trench bottom)
---	--	---

Pump Requirements: _____ ft. TDH vs. _____ GPM Aggregate Depth: NA inches below pipe
NA inches above pipe
NA inches total

Conditions: Pump to D-Box, Proposal by Adams Soil Consulting

**WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.
 NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.**

**If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.

Owner/Legal Representative Signature: _____ Date: _____

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. SEE ATTACHED SITE SKETCH

Authorized State Agent:  Date: 07/08/2020
ANDREW CURRAN Construction Authorization Expiration Date: 07/08/2025

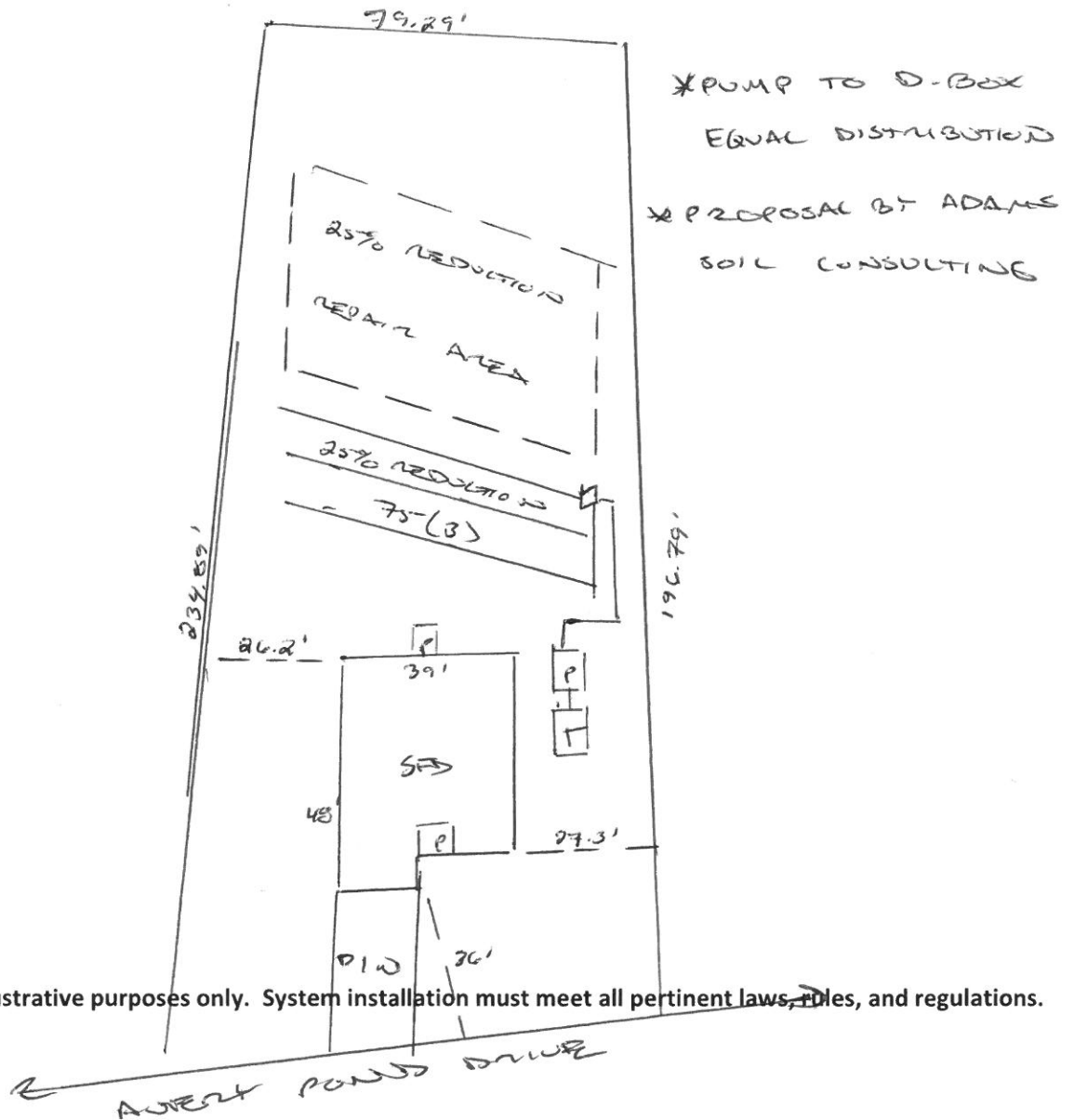
Application # SFD2006-0067

Harnett County Department of Public Health Site Sketch

Property Location: 681 Avery Pond Dr. (Chalybeate Road - SR 1429)

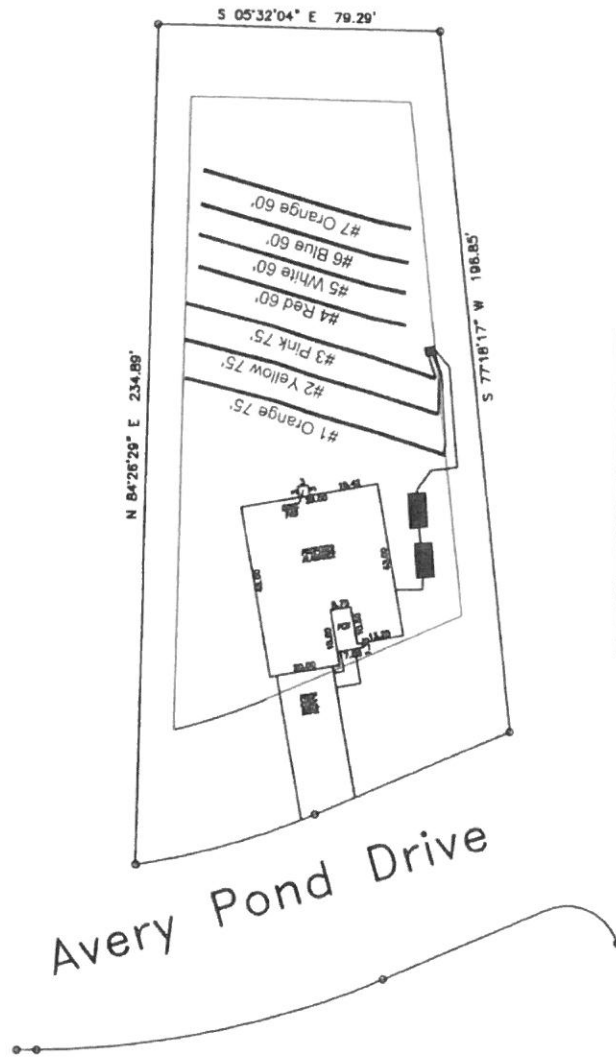
Issued To: LGI Homes-NC, LLC Subdivision Avery Pond Phase IIID Lot # 111

Authorized State Agent: *[Signature]* Date: 07/08/2020
ANDREW CORBIN



This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.

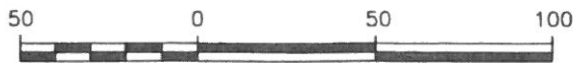
Avery Pond 3-Bedroom Septic Proposal Lot #111



System: Pump to D-Box
 Lines: 1-3 (225')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Pump to D-Box
 Lines: 4-7 (240')
 0.4 LTAR
 24" Trench Bottom
 Accepted Status System

Avery Pond Drive

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #708

Avery Pond
Lot #111

3-Bedroom Home (360 gal./day)

<u>LINE #</u>	<u>COLOR</u>	<u>BS</u>	<u>HI</u>	<u>FS</u>	<u>ELEVATION</u>	<u>LINE LENGTH</u>	<u>Design Length</u>
TBM		2.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			102.0				
1	Yellow			1.4	100.6	75	75
2	Orange			1.7	100.3	75	75
3	Blue			2	100	75	75
4	White			2.3	99.7	70	60
5	Red			2.5	99.5	70	60
6	Pink			2.7	99.3	70	60
7	Yellow			2.9	99.1	70	60
8	Orange			3.1	98.9	70	not used

Total

	<u>System</u>	<u>Repair</u>
	Lines 1-3	Lines 4-7
System Type	Accepted Status System EZ-FLOW	Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.400	0.400
Total Line Length	225	240
Square Footage	675	720
Proposed Trench Bottom	24"	24"
Distribution Method	Pump to D-Box	Pump to D-Box